

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL
(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)
WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

G. Charles Hughes
COAL OPERATOR OR COAL OWNER

Moundsville, W. Va.
ADDRESS

John R. Rush
COAL OPERATOR OR COAL OWNER

Pittsburgh, Pa.
ADDRESS

J. C. & M. E. Garard
COAL OPERATOR OR COAL OWNER

Waynesburg, Pa.

R. L. Crawford, ADDRESS
Waynesburg, Pa.

GENTLEMEN:

The Manufacturers Light & Heat Company
NAME OF WELL OPERATOR

800 Union Trust Bldg., Pittsburgh, Pa.
COMPLETE ADDRESS

November 19th, 1935

PROPOSED LOCATION

Proctor District

Wetzel County

Well No. 1 - 3520

C. R. Palmer Farm

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated.....

May 22nd, 1934, made by C. R. and Martha Palmer, to

The Manufacturers Light & Heat Company, and recorded on the 11th day

of June, 1934, in the office of the County Clerk for said County in

Book 29 A, page 216

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above

named coal operators or coal owners at their above shown respective address...this day... before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, THE MANUFACTURERS LIGHT & HEAT COMPANY,

[Signature]
WELL OPERATOR Land Department

800 Union Trust Building
STREET

Pittsburgh 09/29/2023
CITY OR TOWN

Pennsylvania
STATE



Address of Well Operator }

*Section 3 If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL
 (Required by Section 2, Chapter 20, Code of West Virginia)
 WEST VIRGINIA DEPARTMENT OF MINES
 OIL AND GAS SECTION

To The Department of Mines
 Charleston, W. Va.

G. Charles Hughes
 Coal Operator or Coal Owner

Address

Mountaineer, W. Va.

Address

John R. Ruan
 Coal Operator or Coal Owner

Address

Pittsburgh, Pa.

Address

J. C. & M. E. Garard
 Coal Operator or Coal Owner

Address

Waynesburg, Pa.

R. I. Crawford
 Coal Operator or Coal Owner

Address

Waynesburg, Pa.

The Manufacturers Light & Heat Company
 Name of Well Operator

Address

800 Union Trust Bldg., Pittsburgh, Pa.

Address

November 19th, 1931

PROPOSED LOCATION

Preston
 District

Westfield
 County

Well No. 1 - 5229

G. R. Palmer
 Town

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated

May 22nd, 1931, made by G. R. and Marjorie Palmer to

The Manufacturers Light & Heat Company and recorded on the 11th day

of June, 1931, in the office of the County Clerk for said County in

Book 20 A page 218

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Mineral District and County above named, determined by survey and courses and distances from two permanent points or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundary of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 2 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by or filed with the Department of Mines within ten days from the receipt of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

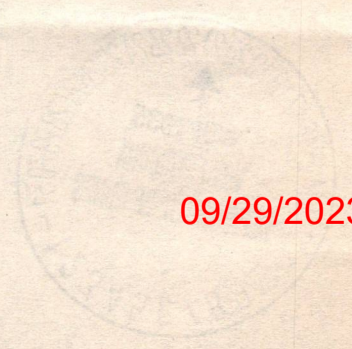
(The next paragraph is to be completed only in Department copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses, this day before on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, THE MANUFACTURER LIGHT & HEAT COMPANY

WELL OPERATOR
 Land Department
 800 Union Trust Building
 STREET
 Pittsburgh
 CITY OR TOWN
 Pennsylvania
 STATE

Address of Well Operator



09/29/2023

Section 2. If no such objections be filed, or be found by the Department of Mines within said period of ten days from the receipt of such notice and plat by the Department of Mines to said proposed location, the Department shall forthwith issue to the well operator a drilling permit reciting the date of such plat, that no objections have been made by the coal operators or land owners by the Department and that the same is approved and the well operator authorized to proceed to drill at said location.

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WET-107

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No.....

Well No. 3520.....

The Manufacturers Light & Heat Company, of Pittsburgh Pa. (800 Union Trust Bldg.)

on the C.R. Palmer Farm

containing 20 acres. Location Proctor Dist, Wetzel Co. W.Va.

District, in _____ County, West Virginia

The surface of the above tract is owned in fee by C.R. Palmer

of Bebee, West Virginia address, and the mineral rights are owned by

The Manufacturers Light & Heat Co., of Pittsburgh, Pa.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. Wet-107 issued by the West Virginia Department of Mines, Oil and Gas Division

December 2nd, 1935.

Elevation of surface at top of well, 1175 feet Spirit Barometric.

The number of feet of the different sized casings used in the well.

16' of 13" Wood conductor feet _____ size. Wood conductor.

350'-2" feet 10 size, csg. 1332'-11" feet 8 1/4" sized csg.

1379'-7" feet 4" tubing size, csg. _____ feet _____ sized csg.

feet _____ size, csg. _____ feet _____ sized csg.

One packer of 4" x 8 1/4" size, set at 1345'-11"

packer of _____ size, set at _____

_____ in casing perforated at _____ feet to _____ feet.

_____ in casing perforated at _____ feet to _____ feet.

Coal was encountered at 840 feet; thickness 72 inches, and at 936

feet; thickness 84 inches; and at _____ feet; thickness _____ inches.

Liners were used as follows: (Give details) _____

March 5th, 1936.

Date.

Approved THE MANUFACTURERS LIGHT & HEAT CO. 09/29/2023

By _____ (TITLE) Land Department.

7.



WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

3-29-10

Well No. 3220

File No.

The manufacturer is Light & Heat Company of Pittsburgh Pa. (800 Union Trust Bldg.)

on the O.R. Palmer Farm

Location: Woodstock, West Virginia

District in County, West Virginia

The surface of the above tract is owned in fee by O.R. Palmer

of Boone, West Virginia, address, and the mineral rights are owned by

The manufacturer is Light & Heat Co. of Pittsburgh, Pa.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

issued by the West Virginia Department of Mines, Oil and Gas Division

Number 2nd

Elevation of surface at top of well, 175 feet

The number of feet of the different sized casings used in the well.

18' of 1 1/2" Wood conductor

350'-5" 10' size, cap, 1332'-4 1/2" size, cap, 8 1/2" size, cap.

1370'-7" 1 1/2" tubing

size, cap, size, cap, size, cap.

One packer of 1 1/2" x 8 1/2" size, set at 1315'-11"

packer of size, set at

in casing perforated at feet to

in casing perforated at feet to

Coal was encountered at 610 feet; thickness, 72 inches; and at 230

feet; thickness, 64 inches; and at feet; thickness, inches.

There were used as follows: (Give details)

Date, March 29, 1936.

Approved, THE MANUFACTURERS LIGHT & HEAT CO., Owner

By

and Department

09/29/2023



The Manufacturers Light & Heat Company

COMPLETION DATA SHEET

800 Union Trust Bldg. Pittsburgh Pa. Address

No. 2

Well No. 3520

FORMATION RECORD

C. R. Palmer farm

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay	red	Soft		0	60	60		
Red rock	red	Soft		60	90	30		
Lime	White	Hard		90	110	20		
Shale	Dark	Soft		110	240	130		
Lime	Dark	Hard		240	300	60		
Shale		Soft		300	350	50		
Sand		Hard		350	375	25		
Red rock	Red	Soft		375	385	10		
Slate		Soft		385	505	120		
Lime		Hard		505	525	20		
Slate & lime		Hard & soft		525	630	105		
Lime		Hard		630	663	33		
Slate		Soft		663	700	37		
Lime		Hard		700	835	135		
Slate		Soft		835	840	5		
Mapletown Coal	Black	Soft		840	846	6		
Slate	Dark	Soft		846	850	4		
Lime	White	Hard		850	930	80		
Slate		Soft		930	936	6		
Pitts. Coal	Black	Soft		936	943	7		
Lime		Hard		943	995	52		
Red rock	Red	Soft		995	1005	10		
Slate		Soft		1005	1020	15		
Lime		Hard		1020	1032	32		
Slate		Soft		1052	1080	28		
Red rock	Red	Soft	none	1090	1098	18		
Slate		Soft		1098	1182	92		
Lime		Hard		1182	1220	38		
Slate	Dark	Soft		1220	1235	15		
Red rock	Red	Soft		1235	1245	10		
Slate	Dark	Soft		1245	1262	17		
Lime		Hard		1262	1280	18		
L. Dunkard				1280	1288	8		
Slate		Soft		1288	1328	40		
Sand		Hard	Gas @ 1356-1360	1328	1366	38	1366	

Well was not shot at feet; well was shot at feet.

Fresh water at None salt feet; fresh water at feet.

producing
Well was dry hole.

THE MANUFACTURERS LIGHT & HEAT COMPANY,

March 5th, 1936.

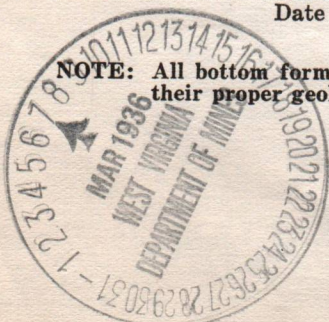
Approved

09/29/2023

Date

Owner Land Department

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.



COMPLETION DATA SHEET
 NO. 2
 FORMATION RECORD

The Manufacturers Light & Heat Company
 800 Union Trust Bldg., Pittsburgh, Pa.

J. R. Palmer, Form

Well No. 3520

Remarks	Total Depth	Thickness	Bottom	Top	Oil Gas or Water	Character	Color	Name
		60	60	0		Soft	red	Clay
		70	90	60		Soft	red	Red rock
		80	110	90		Hard	White	Lime
		130	210	110		Soft	Dark	Shale
		60	300	210		Hard	Dark	Lime
		20	320	300		Soft		Shale
		25	345	320		Hard		Sand
		410	385	375		Soft	Red	Red rock
		120	505	385		Soft		Shale
		30	535	505		Hard		Lime
		105	640	535		Hard & soft		Shale & lime
		25	665	640		Hard		Lime
		27	700	665		Soft		Shale
		135	835	700		Hard		Lime
		5	810	835		Soft		Shale
		4	810	810		Soft	Black	Mapletown Coal
		80	890	810		Soft	Dark	Shale
		6	895	890		Hard	White	Lime
		7	905	895		Soft		Shale
		32	935	905		Soft	Black	Pattee, Coal
		10	1005	935		Hard		Lime
		15	1020	1005		Soft	Red	Red rock
		32	1052	1020		Hard		Lime
		23	1080	1052		Soft		Shale
		18	1098	1080	Water	Soft	Red	Red rock
		2	1100	1098		Soft		Shale
		35	1135	1100		Hard		Lime
		15	1250	1135		Soft	Dark	Shale
		10	1260	1250		Soft	Red	Red rock
		17	1277	1260		Soft	Dark	Shale
		13	1290	1277		Hard		Lime
		10	1300	1290		Soft		S. Dunbar
		30	1330	1300	Gas @ 1320-1330	Soft		Shale
	1330		1330	1330		Hard		Sand

Well was not shot at _____ feet.
 Fresh water at _____ feet; fresh water at _____ feet.
 Salt _____ feet.
 Well was _____ feet.
 THE MANUFACTURERS LIGHT & HEAT COMPANY.
 Approved _____ Date _____ 1930
 Owner, Land Department

NOTE: All bottom formations must be noted as indicated above and all key-locks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

Owner, Land Department

09/29/2023

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THE MANUFACTURERS LIGHT AND HEAT COMPANY

800 UNION TRUST BUILDING



PITTSBURGH, PENNSYLVANIA

November 23rd, 1935.

IN RE - Well No. 1-3520
Proctor District
Wetzel County, WVa.

Department of Mines,
Oil and Gas Section,
Charleston, W. Va.

Gentlemen: Attention - Mr. N. P. Rhinehart,
 Chief of Department of Mines.

We have your letter of November 21st, asking for
the address of Mr. C. R. Palmer, on whose tract of land
we are asking permission to drill the above numbered well.

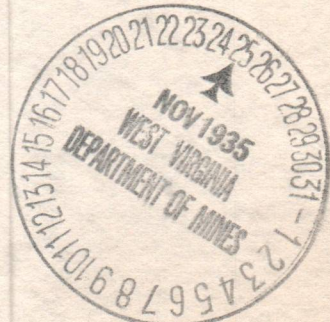
Mr. Palmer's address is Bebee, West Virginia.

Very truly yours,

THE MANUFACTURERS LIGHT & HEAT COMPANY,

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Land Department.



09/29/2023

THE MANUFACTURERS LIGHT AND HEAT COMPANY

PITTSBURGH, PENNSYLVANIA



800 Union Trust Building

November 27th, 1927

IN RE - Well No. 1-1220
Brookline District
West Virginia

Department of Mines
All and Gas Section
Charleston, W. Va.

Attention - Mr. W. B. Rhineland
Chief of Department of Mines

We have your letter of November 21st, asking for
the address of Mr. R. Rhineland, on whose record of land
we are being petitioned to drill the above numbered well.
Mr. Rhineland's address is above, West Virginia.

Very truly yours,

THE MANUFACTURERS LIGHT & HEAT COMPANY

Per Department



E-5

A. A. PURMAN
ATTORNEY AT LAW
WAYNESBURG, PA.

November 25, 1935.

N. P. Rhinehart,
Charleston, W.Va.
Chief of Department of Mines.

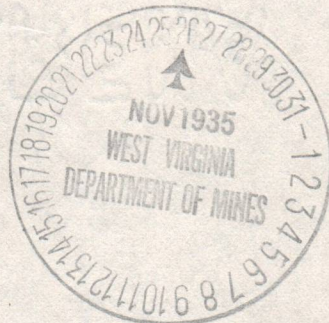
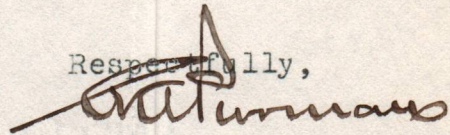
Dear Sir:-

Your letter of November 21st addresses to
J. C. Garard was delivered to me.

J. C. Garard died in 1917, testate, and the
last surviving executor died last June and no adminis-
tration since the death of the surviving executor has
been raised upon his estate.

J. C. Garard had no direct heirs, but many
collateral heirs scattered all over the United States ,
consequently no objection could be properly raised
to the location of the oil or gas well No. 1-3520 on the
R. C. Palmer farm, Proctor District, Wetzel County, W.Va.

Respectfully,



09/29/2023

A. A. BURMAN
ATTORNEY AT LAW
WASHINGTON, D. C.

November 11, 1933

Mr. E. J. Connelley,
Assistant Attorney General,
Federal Department of Justice.

Your letter of November 7, 1933, is received and the
matter was referred to the
Assistant Attorney General in 1931. In 1931, the
Assistant Attorney General also had to handle
the matter and the matter of the Assistant Attorney General
has been raised upon his records.

The matter was referred to the
Assistant Attorney General in 1931. In 1931, the
Assistant Attorney General also had to handle
the matter and the matter of the Assistant Attorney General
has been raised upon his records.

[Faint signature]

E-6

December 2, 1935

The Manufacturers Light & Heat Company
800 Union Trust Bldg.,
Pittsburgh, Pennsylvania

Gentlemen:

Permit to drill Well No. 1-3520 on the
C. R. Palmer Farm, Proctor District, Wetzel County, is
enclosed.

Just as soon as the well is completed, please
fill out the enclosed blanks and return to this office.

Very truly yours,

Chief of Department of Mines.

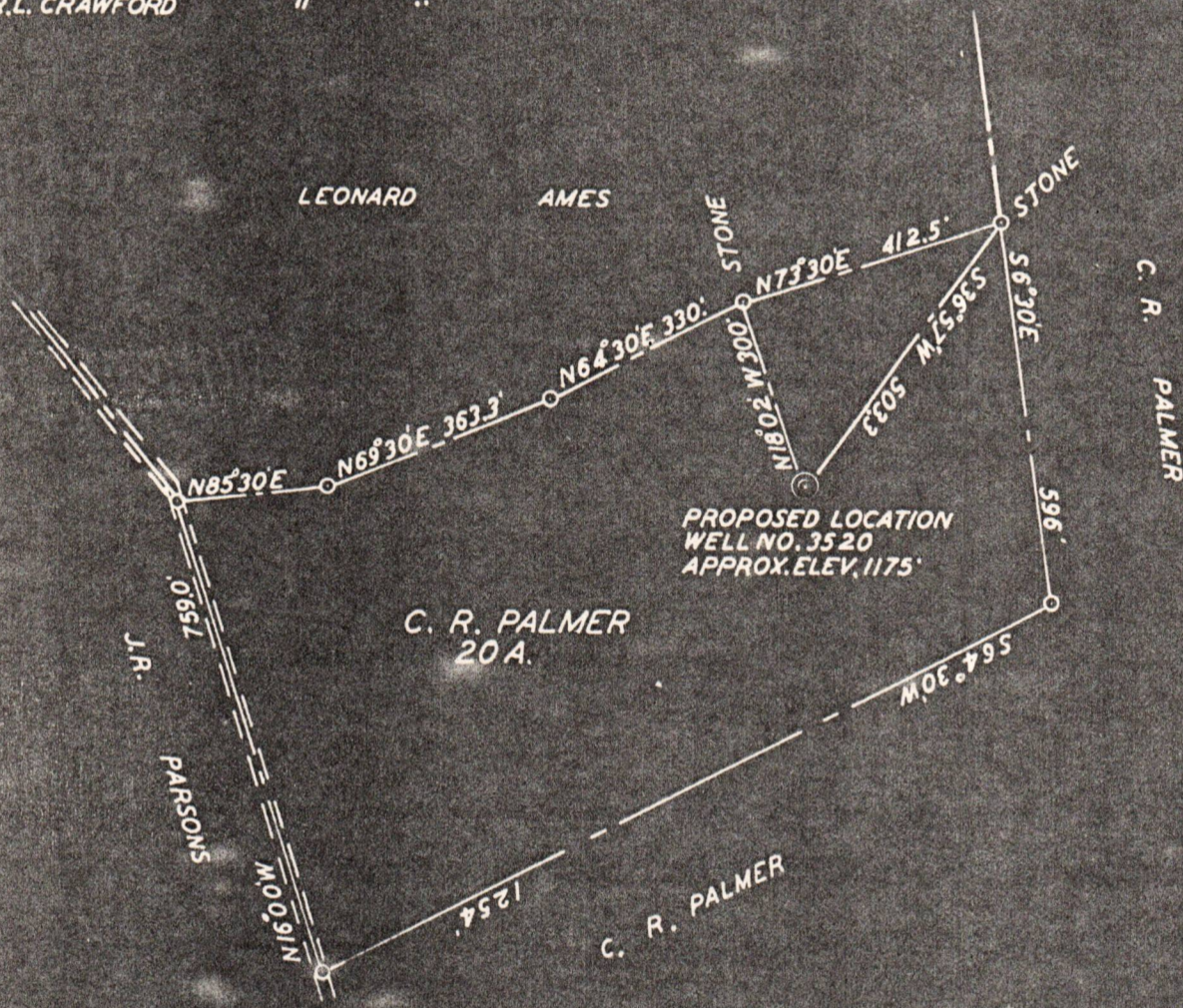
NPR:g

encl

09/29/2023

PLAT OF THE PROPOSED LOCATION OF WELL NO.3520 OF
 THE MANUFACTURERS LIGHT & HEAT CO, OF PITTSBURGH, PA.
 ON THE C R PALMER FARM CONSISTING OF 20 ACRES
 LOCATED IN PROCTOR DISTRICT, WETZEL COUNTY, W.VA.

COAL NOT OPERATED
 COAL OWNED BY
 G. CHARLES HUGHES, MOUNDSVILLE, W.VA.
 JOHN R. RUSH, PITTSBURGH, PA.
 J.C. & M.E. GARARD, WAYNESBURG, PA.
 R.L. CRAWFORD " "



ENGINEERS CERTIFICATE

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

Donald K. Bell
 ENGINEER

09/29/2023

ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC OF AND FOR ALLEGHENY COUNTY STATE OF PENNSYLVANIA THIS 18 DAY OF November 1935

Harry H. Fowler